SAMSUNG
WISENET

СЕТЕВАЯ КАМЕРА

Руководство пользователя

QND-6070R/QNO-6070R/QNV-6070R

CE

Сетевая Камера

Руководство пользователя

Авторское право

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Ограничения

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Отказ от ответственности

Hanwha Techwin ,

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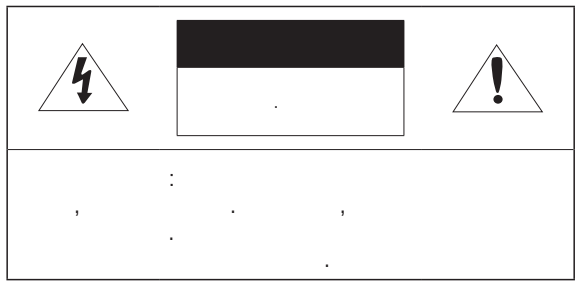

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• - www.onvif.org.

Driving network video through global standardization

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t • : Intel(R) Core(TM) i7 3,4 ˜ • •
t : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11
t † • •- ‡•Ž„ †• ’• ŠŠ•Ž„ Š ‰• ‡ Free web viewer
- : Google Chrome 47, MS Edge 20
t Webviewer ‰ † • •- ‡•ŽŠ †• ’• ŠŠ•ŽŠ Š ‰• -Š
- : MS Explorer 11, Mozilla Firefox 43, Apple Safari 9
Mac OS X.
t VGA : ˜ • PCIe 256 M GDDR3 • .

SD/SDHC/ SDXC

t ‡ : 4GB ~ 128GB (- 1)
t ‹ • :
ƒ ‹ SD/SDHC/SDXC : Sandisk, Transcend

NAS

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Synology NAS	- 16.

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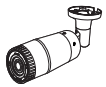		1		QNO-6070R
		1		QNV-6070R
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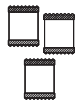	€	3	€ .	QNO-6070R
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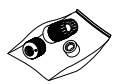	RJ45	1	- .	QNO-6070R
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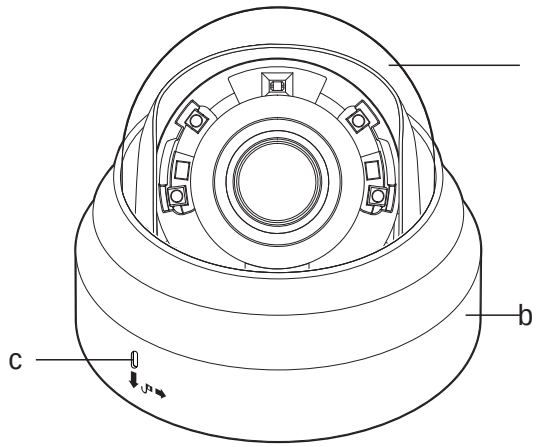

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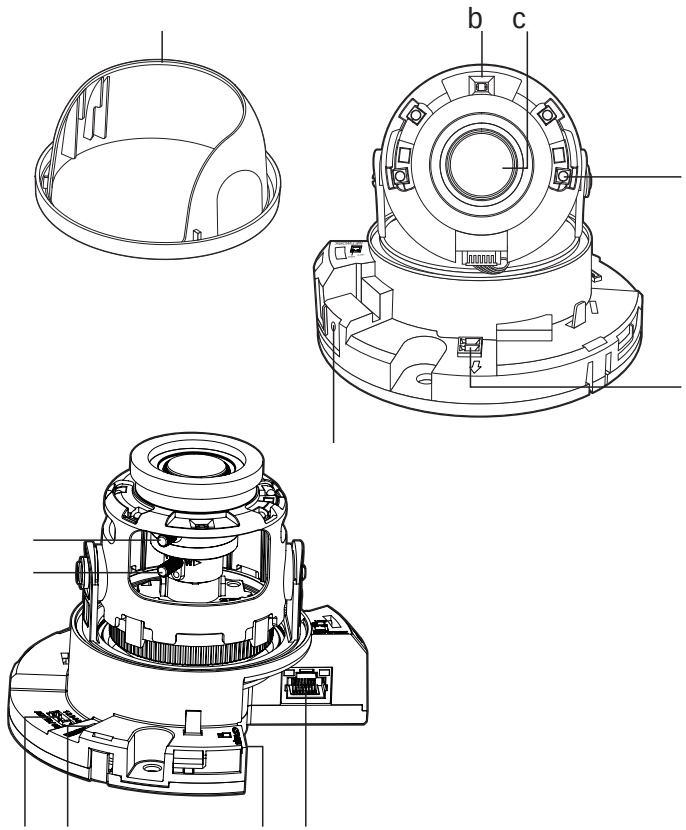

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~ (QNO-6070R)

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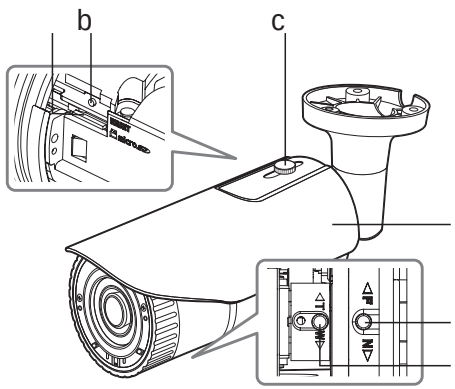

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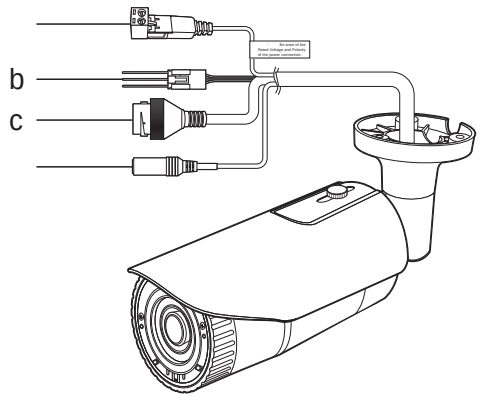

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~ (QNV-6070R)

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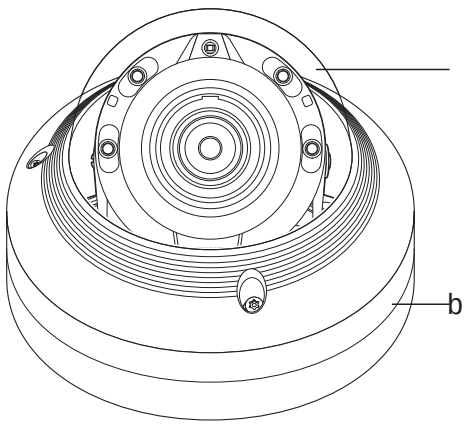

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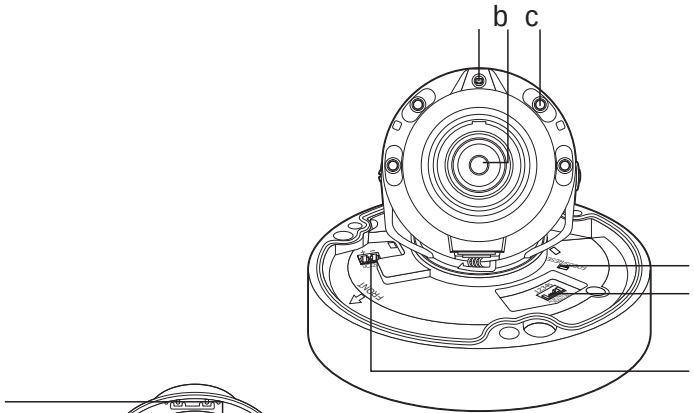

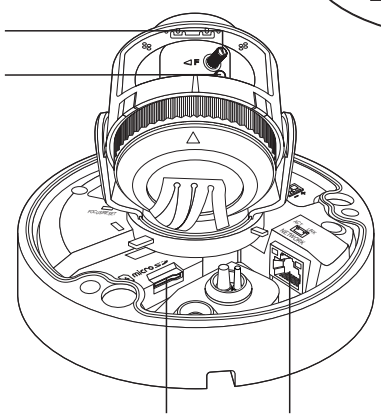

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(QND-6070R)

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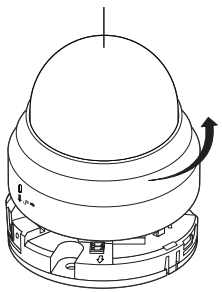

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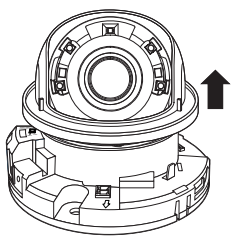

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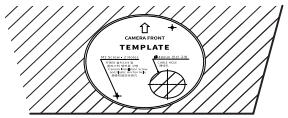

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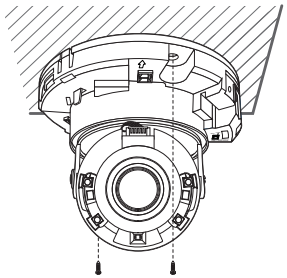

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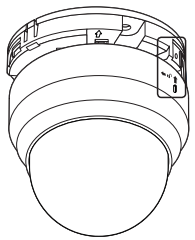

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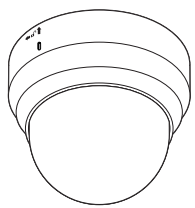

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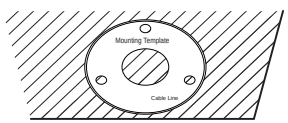
1. • 

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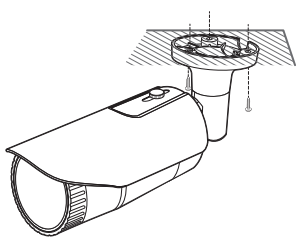

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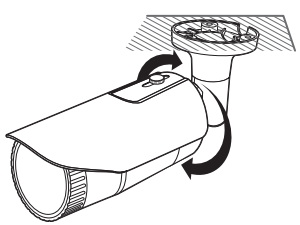

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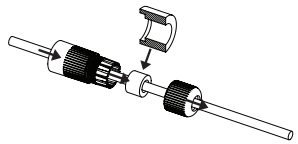

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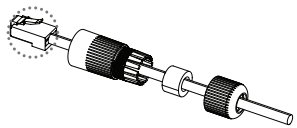

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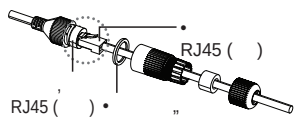

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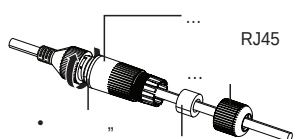

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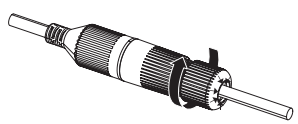

J Š , „ RJ45.

••“•Ž„ Š •• “

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1. , / , AUDIO-
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2. („ A)
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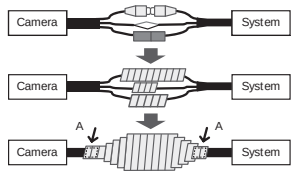

J „ , *f*
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€ „ , .

•• „• • Š•• • -•• •…- *f*-• € • •• • …•

1. •• • , .
2. /• .
3. – /• : • (
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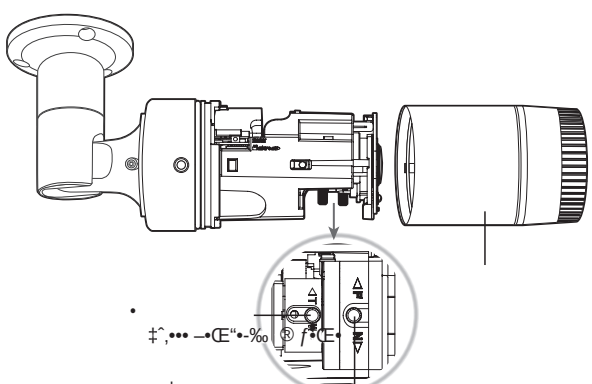
4. „ /• , • .
5. •• • , .



• ‡
•…Œ“••• ,….„„*f*•'•ˆ® ”Œˆ†••• ,….„„*f*•'•ˆ•

J † „ , „ .
, LOCK ( ) .
• *f*‡‡ „ ‡ , ‡
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f‡‡ „ /‡ , .

(QNV-6070R)

J ˆ „ IP66, „ .
• *f* .

-•Ž †•-‰ • • “• • , †• • Š -ŠŽ- †-•-‰ • • • …• „
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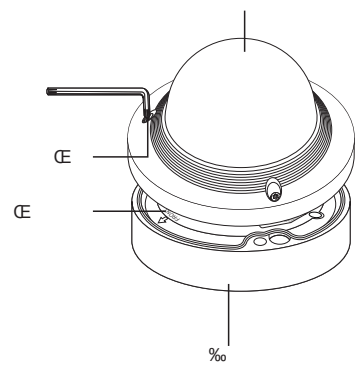

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1. € • , • ,
(55 ,
6).
2. ,
(‹4,5 50).
3. ,
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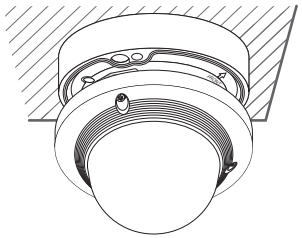
4. › .
“ -'• • …• • †• … -• € • Œ ,‰-• € • Š-•Ž”. (. 18)
5. „ • .
† .



‰• ,ƒ-• - • Œ- € • ‡• „ -•

1. • .
2. • • •
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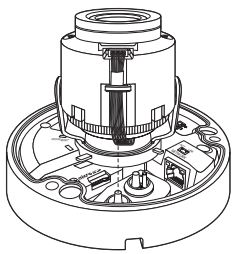
J † .
- Œ : Ø5~6.5.
- : - Ø7~8.5.



3. • LAN • , •
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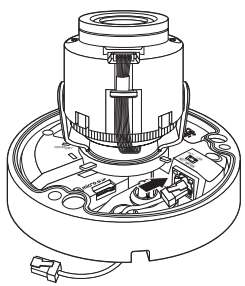
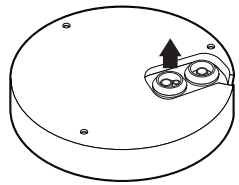
4. – • .
5. • LAN • LAN
LAN.
6. • Ethernet.



‰• ,ƒ-• - • Œ- € •‰ / '• ^ • • Œ- € † • • €

1. • .
2. • • , .



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ž2, •
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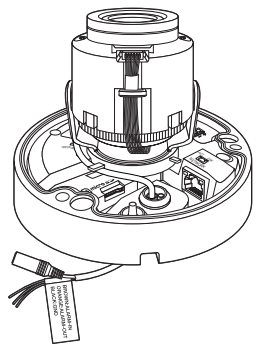

4. ,
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5. • ,
/ • .

6. •
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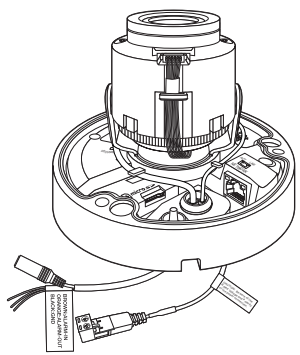
7. • .
8. › . “ -'• • …•
• †• … -• € • Œ ,‰-• € • Š-•Ž”. (. 18)
9. • .



‰ -‰ •-• - • ‰ †•-•• (†• ‰ -• € •‰- ‡•)

• • • (•),

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1. • , • , “ ˆŒ •• ”. (. 16)
2. • , .
3. ,

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4. – , “ ˆŒ •• ”.
5. › . “ -'• • …• • †• … -• € • Œ ,‰-• €

• Š-•Ž”. (. 18)

6. „ • .

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••“•Ž„ Š •• “

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1. , / , BNC-

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2. („ A)

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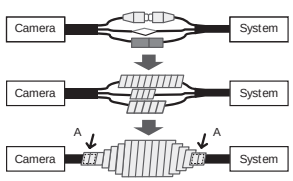

J „ , *f*

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€ „ , .

† • •- ‡•Ž- †• • ‰ -“• • ‰ € • • • …•

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1. •,• Š-‡ ,‰— • Š- ˜ *ƒ*‡- ‰- €— (SBP-300WM SBP-300WM1) / ••- ˜ *ƒ*‡- ‰- €— (QND-6070R : SBP-300HM8, QNV-6070R : SBP-301HM2)

’

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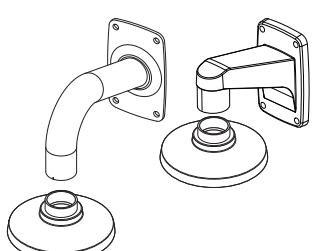

2. •,• Š-‡ ,‰— Š ‰ • ˜ *ƒ*‡- ‰- €— (QND-6070R : SBP-300HM8, QNV-6070R : SBP-301HM2)

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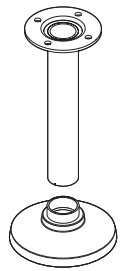
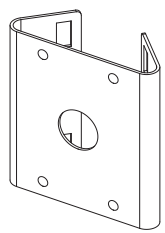


3. P•,• Š-‡ ,‰— – Š• •*ƒ*€ • Š ‰…- (SBP-300PM)

’ (SBP-300WM SBP-300WM1)

80 .



4. •,• Š-‡ ,‰— – Š• •*ƒ*€ • –˜‰– (SBP-300KM)

’ (SBP-300WM SBP-300WM1)

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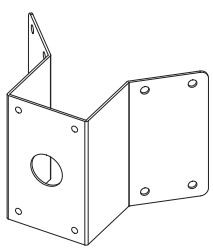

5. *ƒ*•‹-‡• š€‰€ ,‡€•- *ƒ* ˆ „•, -ˆ *ƒ*‡Œ *ƒ* ˆ (SBO-100B1)

• , •

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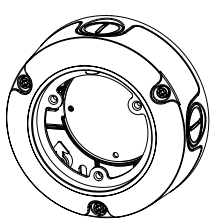

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6. • Š€•• ‚•‰‘ •— „•, —— ƒ‡Œ ƒ• (SBV-136B)
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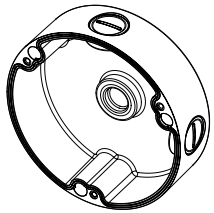
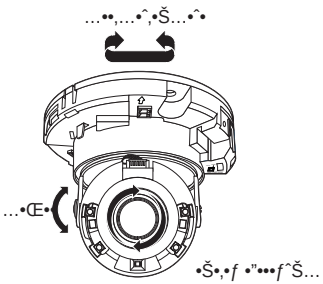


-'• • …• • †• … -• € • Œ ‚‰-• € • Š-•Ž (QND-6070R/QNV-6070R)



•• „• • †• … -• € Š • • • •'
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, › œ .
- '•• 350 .
- '•• - 355 .
- '•• - 67 .

J -
Š , ‡ / , .
€ ‡ - .

† ŒŽ •-'• • …•

1. – ,
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2. – , .
3. , •
› .

/ SD

J SD .
SD .
SD .
Š SD .
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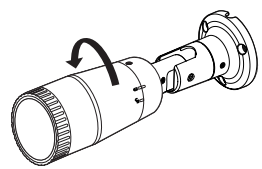
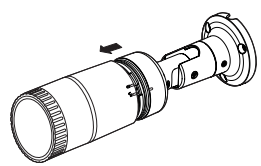
• • …• • ••Ž † Š€• •• SD (QNO-6070R)

1. •• • • … ‚€Š' [ ].



2. •• • .



3. • ‹ SD ,
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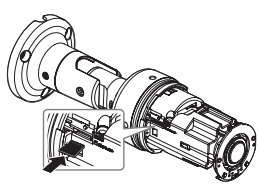
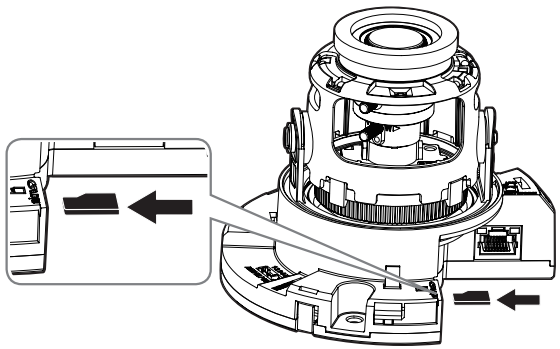
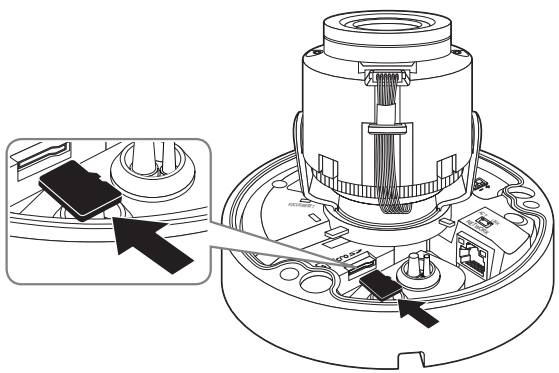


• • ...• • ••Ž † Š€• •• SD (QND-6070R/QNV-6070R)

1. • .
2. • ‹ SD , .



<QND-6070R>



<QNV-6070R>

ˆ... -ƒ-• - • ••Ž † Š€• •• SD

‹ • • ,
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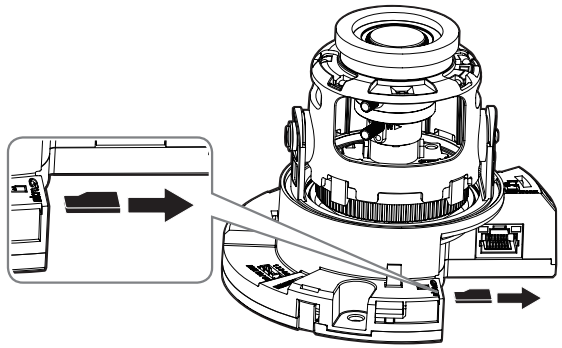
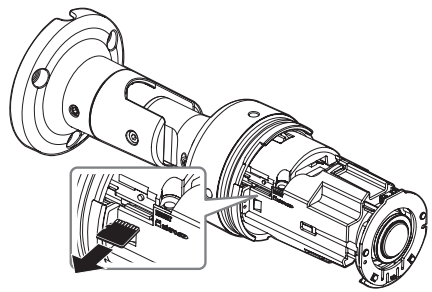


<QND-6070R>



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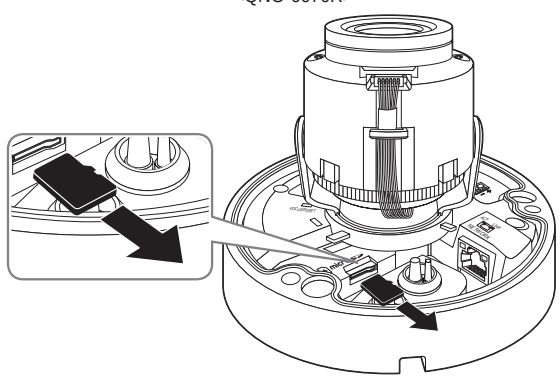

<QNV-6070R>

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SD “ ” , „ .

SD < …••€ˆƒ•Œ‰,

[,ˆ•••ˆƒ“ (Применить)]. (• . 53)

€ SD, , ƒ

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— (™)

• • • - • •• ƒ• † Š€• ?

ƒ - • ,

• , • •

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ŽŒ • • Œ -- † ‰– ‰€‘-„ • •• ƒ• † Š€•

, ‹ SD/SDHC/SDXC.

‹ .

‹ • :

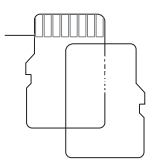
ƒ ‹ SD/SDHC/SDXC : Sandisk, Transcend

, › 4 128 ˜ (uhs- 1).

ƒ ,

• .

Š† •-••Ž • •• ƒ• † Š€•



Micro SD/SDHC/SDXC

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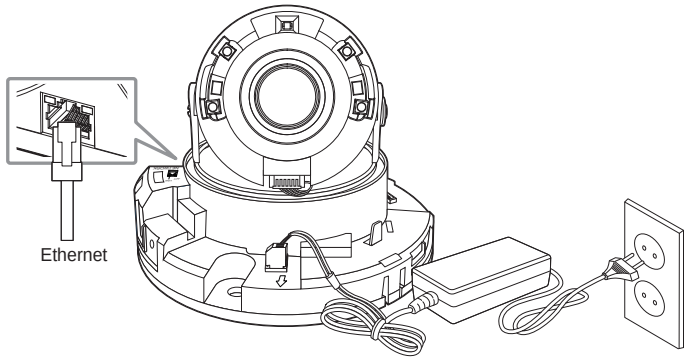

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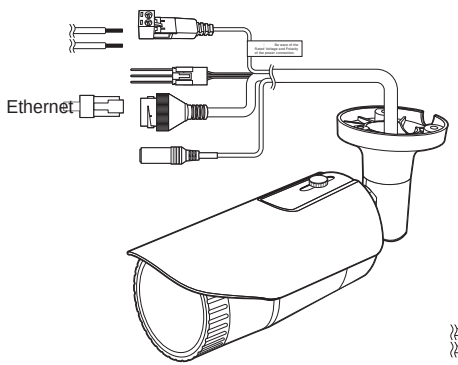

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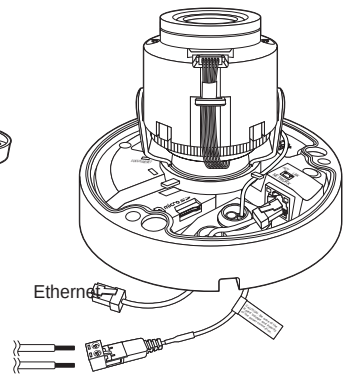

<QNV-6070R>

‰• ,ƒ-• - • -• Ethernet

• Ethernet € .

• ƒ• • † • • €

• (+, œ) • • .

J PoE 12 € . , PoE.

- Ž PoE.
- PoE IEEE 802.3af.
- • (PoE 12 €).

, , .

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†-• • • • € • … „ • Œ- ‡ ‰ € • “‰ „ Š ‰-

•ƒ - …– ‰ : 12 † • €•• ' • • :

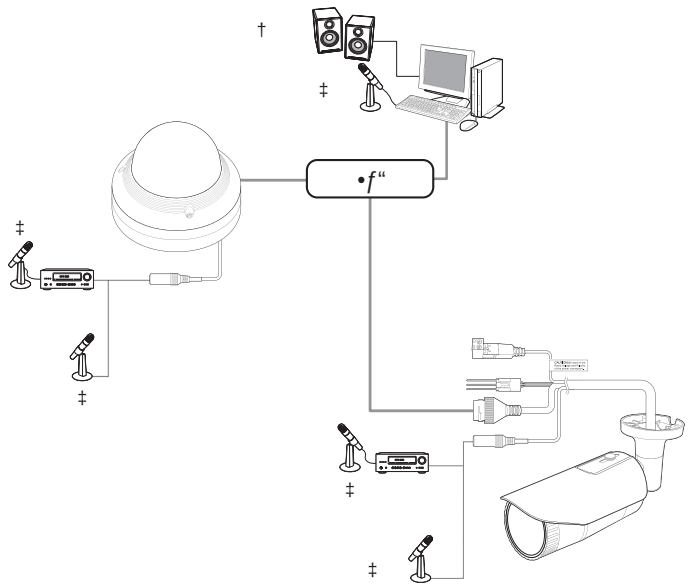
ˆ€ €,•Š•••Š (AWG)	#22	#20	#18
† (.)	24	38	60

†-• • • • € -•-… ' • Œ- €

••ƒ	•••,—…•ˆ•	,ˆ••Ž…•ˆ•
• ,	RJ45	
Ethernet	10/100BASE-T	10/100 Mbps
	UTP 5e	
.	100	• d0,188 • /
Ethernet	IEEE 802.3af	

J , 5 , 100 .

‰ -‰ •-• - ˆ…•• … ' …… ‰



1. • • AUDIO IN AUDIO IN LINE OUT

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M ‡ , ‡ .

(QND-6070R).

2. .

t •‰ • ‰-•

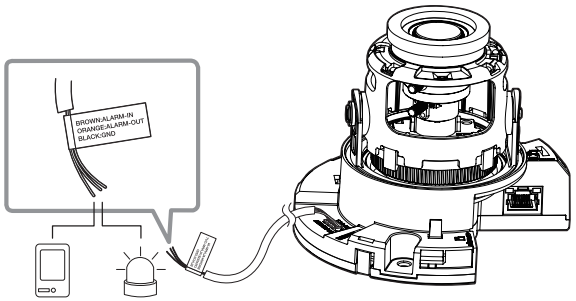
- • : G.711 PCM (: 64 / / • : 8 ˜•), G.726 ADPCM (: 16 / , 24 / , 32 / , 40 / / • : 8 ˜•)

t •† -• • - •‰

t …•• … „ …– ‰ (QND-6070R) : • (•), : 2,5 • (4 •), : 2

t …•• … „ …– ‰ (QND-6070R/QNV-6070R) : • (• /), : 2,5 • (4 •), : 2

‰• ‚ƒ-• - • Œ •• † •• … …… ‰ -…Ž… ‰
/ • .



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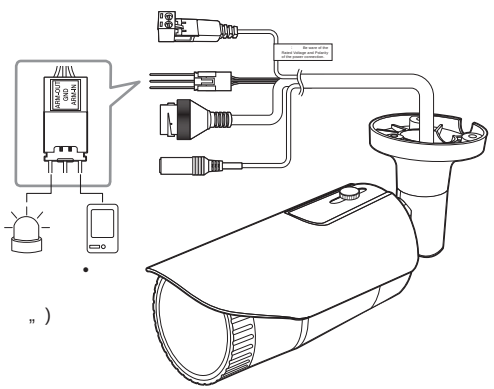
<QND-6070R>



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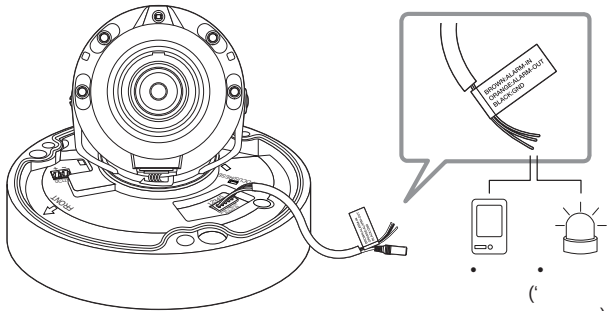
<QNO-6070R>



• •
(‘
„)

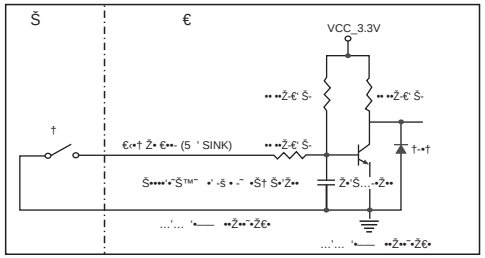
<QNV-6070R>

t ALARM-IN : € •
/ .
t ALARM-OUT : € .
t GND : / • .

J (,), ,
„ ‡ „ , , ƒ .
•ˆ…–‚…••… Š-˜••… ƒ‚•Š•–ˆ». (• . 23)

‰• ‚ƒ-• - • …•-”•-Š• ‰ •ƒ ••
[ALARM IN], -
[GND].

•• “• € –-Š …– ‰ ••-… ’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€
VCC_3.3V
•• ••Ž-€' Š-
•• ••Ž-€' Š-
†
€‹•† Ž• €••- (5 ' SINK)
•• ••Ž-€' Š-
†-•†
Š••••'•˜Š™˜ •' -Š • -˜ •Š† Š•'Ž••
Ž•'Š…-•Ž••
…'… '•— ••Ž••'•Ž€•
…'… '•— ••Ž••'•Ž€•

‰• ,ƒ-• - …Ž– ‰ ••-… ’

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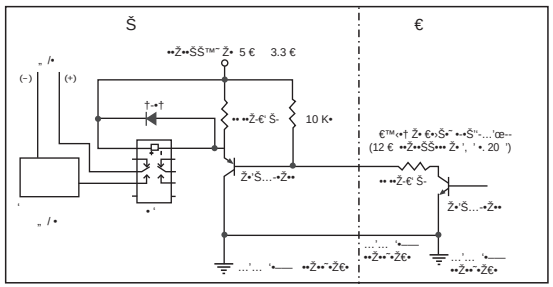
•• “• € ‰ ’• ŠŠ …Ž– ‰ ••-… ’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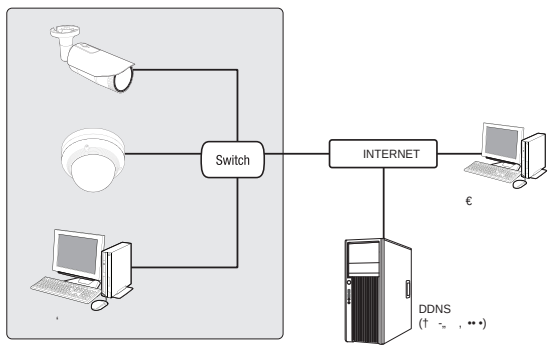
€
••Ž••ŠŠ™˜ Ž• 5 € 3.3 €
„ /•
(-)
(+)
†-•†
•• ••Ž-€' Š-
10 K•
€™‹•† Ž• €•›Š•˜ •-•Š'•…'œ--
(12 € ••Ž••ŠŠ••• Ž• ', ' •. 20 ')
Ž•'Š…-•Ž••
•• ••Ž-€' Š-
Ž•'Š…-•Ž••
„ / •
…'… '•— ••Ž••'•Ž€•
…'… '•— ••Ž••'•Ž€•
…'… '•— ••Ž••'•Ž€•

‹ • • .

™ ™

‰• ,ƒ-• - • • Š-•- ƒ-•-^ • ‡•Ž„ … • ‡• „ -•

1. „ € - ƒ.
2. • IP- .

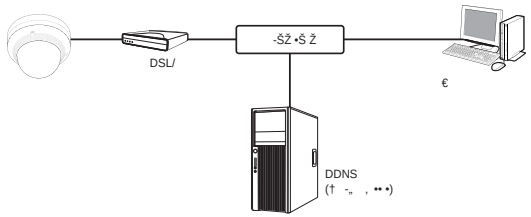


< • ‡• € -•‡>

M • - , ,
„ ‡ .
€ ƒ .
† IP- , , , HTTP, VNP IP IP
“4321”. † ‡ web viewer
.
• , IP- DHCP . DHCP ,
IP- : 192.168.1.100.
š IP- , IP Installer.
† IP Installer . “ …„ƒ,•‰•… „ƒ…ƒˆŽ•„••–• IP-…•,•„…”. (• . 26)

™ DSL/

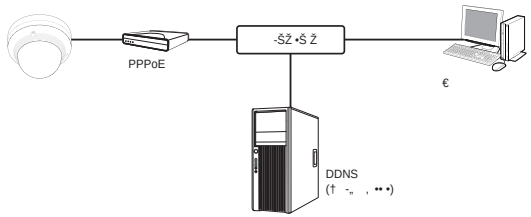
DHCP



1. • ƒ .
2. „ IP Installer IP- , -
• € .
3. – • - .
4. • [•• „•].
5. • [-•‡] - [DDNS] DDNS.
6. • [Basic] - [IP & ••] IP [DHCP].
7. , • • ƒ, .
8. .

M • DDNS . “DDNS”. (. 49)
• „ DDNS . “ •–^„ƒ,…š^’ Š DDNS”. (. 49)
• . “IP & •,ƒ”, IP- . (. 43)

™ ™ PPPoE



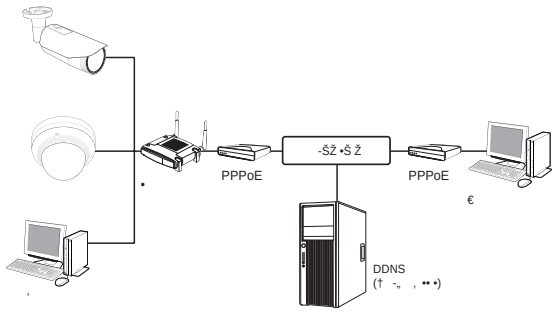
1. • *f* .
2. „ IP Installer IP- , -
   • € .
3. – • - .
4. • [•• „•].
5. • [-•‡] - [DDNS] DDNS.
6. • [Basic] - [IP & ••] • , IP [PPPoE]
   ID .
7. , • • *f*, .
8. .

M
- • DDNS . “DDNS”. (. 49)
- • „ DDNS . “ •–^„*f*,…Š^’ Š DDNS”. (. 49)
- • . “IP & •,*f*”, IP- . (. 43)

™ ‹ ‹

PPPoE/

€ • , • .



•• „• -•-…Ž– † • Š-•• … • ‡• ’ , † ‰• ,*f*-•• ’ •
‹ • • † •Ž„ Š •”••• ^ • •

f, • • ,
• • .

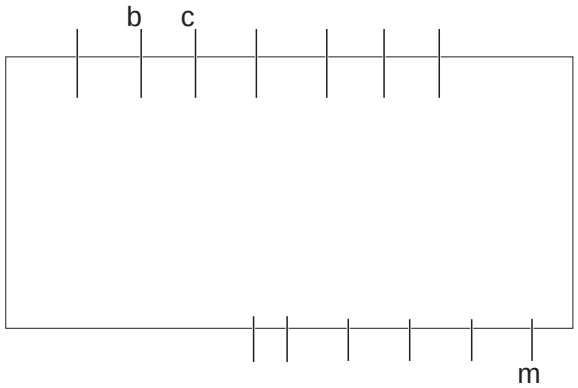
t • : <Network> € <Properties> € <Local Area Connection> € <General> € <Properties> € <Internet Protocol (TCP/IP)> € <Properties> € <Obtain an IP address automatically> <Use the following IP address>.

t • , <Use the following IP address>:

1) - (LAN IP) • 192.168.1.1
   IP- : 192.168.1.100
   ‹ : 255.255.255.0
   • • : 192.168.1.1
2) - (LAN IP) • 192.168.0.1
   IP- : 192.168.0.100
   ‹ : 255.255.255.0
   • • : 192.168.0.1
3) - (LAN IP) • 192.168.xxx.1
   IP- : 192.168.xxx.100
   ‹ : 255.255.255.0
   • • : 192.168.xxx.1

M š • , „ .
† ‡ „ „ . “ …,„*f*,•‰•…
•,•…•,•„…š^^ ^…€…†••… •,*f*•Š (…,„€,•••Œ••^• •,*f*•Š)”. (• . 28)

™ IP INSTALLER



Œ••••f	€ˆ„…•ˆ•
Device Name	Š . — f „, , .
b Alias	ˆ ‡ „ .
c Mode	Ž : <Static>, < Dynamic> <PPPoE>.
MAC(Ethernet) Address	' Ethernet . — f „, Ethernet. , .
IP Address	IP- . — f „, IP- . , .
Protocol	Š . … “IPv4”. IPv6 “IPv6”.
URL	DDNS URL- - . ˆ <IP Address> , „ DDNS.
IPv4	IPv4.

Œ••••f	€ˆ„…•ˆ•
IPv6	IPv6. , , IPv6.
Search	ˆ ' . , IPv4, IPv6 .
Auto Set	IP Installer .
Manual Set	Š .
m Exit	€ IP Installer.

M IP Installer , CD,
f , . - Hanwha Techwin.

IP-

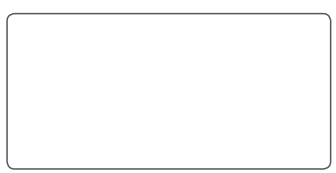
•• „• -• …••f••,

„ <IP Installer_v2.XX.exe>, .
f [Auto Set] [Manual Set] .

M † IPv6 f , f
‡ „ .

1. • .
MAC- , .
f [Auto Set] [Manual Set] .
2. [Manual Set].
Manual Setting.
<IP Address>, <Subnet Mask>, <Gateway>, <HTTP Port> <VNP Port> •
.
3. • <Address> • • ••.
t MAC (Ethernet) Address : – MAC-
.

M • IP , DHCP
.



•ƒ - • •• •… €‹ • • † •Ž„ Š •”••• ^ • •

– <IP Address>, <Subnet Mask> <Gateway> .

4. • <Port> • • • •.
t HTTP Port : €
- . „
• - 80.
t VNP Port :
. „ • - 4520.
5. • .
– “admin”,
.

J „ ‡ , ,
” .
, . “ †•••••^• €…,•Œ’ …••^•.” . (• . 42)

6. [OK].
‡ • .

•ƒ - † ‡^ … • €‹ • • † •Ž„ Š •”••• ^ • •

t IP Address : , IP-
, • .
) 192.168.1.2~254, 192.168.0.2~254,
192.168.XXX.2~254
t Subnet Mask : <Subnet Mask>
• <Subnet Mask>
.
t Gateway : <Local IP Address>
• <Gateway> .

M •
.
† .
† ‡ „ ” . “ …„ƒ,•‰•…
•,•…•,•„…š^^ ^…€…†••… •,ƒ•Š (…„€,•••Œ••^• •,ƒ•Š)”. (• . 28)

• ‹ • • † •Ž„ Š •”••• ^ • • † ‰• ,ƒ-• •- • ‡• • Š-•
, IP- , .
)

…ƒ•–•,^’		…••,… ›1	…••,… ›2
…„ƒ,•‰•^, „Š’†…••-• „ IP	IP Address Subnet Mask Gateway	192.168.1.100 255.255.255.0 192.168.1.1	192.168.1.101 255.255.255.0 192.168.1.1
…„ƒ,•‰•^, „Š’†…••-• „ €•,ƒ…•^	HTTP Port VNP Port	8080 4520	8081 4521

M <HTTP Port> 80, <Port> -
, .
) http://IP- : HTTP
http://192.168.1.100:8080

…• Š • ƒ- • € • •• „• -•
„ <IP Installer_v2.XX.exe>, .
ƒ [Auto Set] [Manual Set] .

M † IPv6 ƒ , ƒ
‡ „ .

1. • .
MAC- , .
ƒ [Auto Set] [Manual Set] .
2. [Auto Set].
Auto Setting .
„ <IP Address>, <Subnet Mask>
<Gateway> .

3. • .
– “admin”,
.

J „ ‡ , , „
.
, . “ †•••••^• €…,•Œ’
…••^•.” . (• . 42)

4. [OK].
• • .

IP-

•• „• ‰ • Š ƒ- • ’ IP- •••“-• €

t IP-
- DHCP IP- • • .
- • • DHCP
- • DHCP IP- .

• Š •• ‰ • Š ƒ- • ’ IP- ‰•-

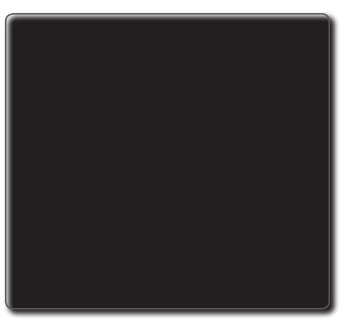
1. „ IP Installer • .
   • ’
   <Dynamic IP>.
2. • .
3. [Manual Set]
   <Dynamic IP>.
   - • <DHCP>, IP
   <Static>.

— (
)

• •
•• , •
• .

-•- ‰•- • ‰ † ˆ • † •• … …••ƒ••,

1. • • •
   <Applications & Gaming> - <Port Range Forward>.
   •
   •
   . .
2. • <TCP> <UDP Port> ,
   • • .
   , • IP-
   • ,
   , • < •• „• > -
   <Basic> - <IP & ••> Web viewer .



3. „ [Save Settings].
   ” .

M € „ • CISCO.
• .
† . .

•• „• †-•- ‰•- • ‰ † ˆ • † •• … ‰ € •- • ‡• – -•-…Ž– • Š-•
t • • - •
.
t • .

ƒ 1 2 • • :

•Œ“†•Š…ƒ•Œ“ Ù •ƒ•,••ƒ

Ú

ˆ,•••€•Œ•„•-‰ •…‚‡, ƒˆ†…ƒ•,			
	•		IP-
3000	3000	TCP/UDP	192.168.1.100
3001	3001	TCP/UDP	192.168.1.101
4520	4520	TCP/UDP	192.168.1.100
4521	4521	TCP/UDP	192.168.1.101
8080	8080	TCP/UDP	192.168.1.100
8081	8081	TCP/UDP	192.168.1.101

Ù

…••,… 1 (192.168.1.100)	
HTTP	8080
	4520
RTSP	3000

Ù

…••,… 2 (192.168.1.101)	
HTTP	8081
	4521
RTSP	3001

M ” , ‡ „ UPnP ( ).
<Quick connect> <Samsung DDNS> < •Œ.> “ …„ƒ,•‰•…
•ƒ“ DDNS”.

™ ™ ~

---

1. „ IP Installer.
   •
   .
2. , • ,
   .
   „ - •
   .

M : IP- -
.

™ ™

IP Installer • ,
• , • ,
URL- DDNS .

1. • ,
   • • • .
2. • - DDNS URL- IP-
   • • .
) http://www.samsungipolis.com/ƒ

M • „ DDNS . “ •–^„ƒ,…š^’ Š DDNS”. (. 49)

™

ŒŽƒ•Ž„ † •€‰ • ‰-„ •… „

1. „ - .
2. • IP- • .
) ‡P- (IPv4) : 192.168.1.100
€ http://192.168.1.100
- .
‡P- (IPv6) : 2001:230:abcd: ffff:0000:0000:ffff:1111
€ http://[2001:230:abcd:ffff:0000:0000:ffff:1111] -
.

Š-• † •• HTTP • ƒ-• • 80

1. „ - .
2. • IP- HTTP • .
) IP- : 192.168.1.100: HTTP(8080)
€ http://192.168.1.100:8080 - .

† ‡ˆ … • - URL- ‰•-

1. „ - .
2. • DDNS URL- • .
) URL- : http://www.samsungipolis.com/ƒ
- .

J • LAN.

‰• ,ƒ-• - ƒ-•-ˆ UPnP

1. „ • • UPnP .
2. ƒ .
• • Windows • .
- .

-‰ •-• - ƒ-•-ˆ •“Œ• Bonjour

1. „ • • Bonjour .
2. ƒ .
• • Mac Bonjour Safari.
- .

• Š •• DDNS- ‰•-

- • • DHCP, DSL PPPoE, IP-
• • € .
• IP- , DDNS.
- IP- DDNS,
, IP- .
• <DDNS>, - www.samsungipolis.com.
, < -•‡> - <DDNS> <Samsung DDNS>
Web Viewer, < ‰ †• ‰••• >, • DDNS.

f ,
.
f “ Š-• † • €”, .

J † 8 9 ,
3 : / , „ ‡
„ . † 10 15
2 .
- † „ : ~`!@#$%^*()_-
+=|{}[].?/
†
, .
[RESET] „ „ . Š ,
.

.
– • .

1. • “admin” <User Name>.
€ • “admin”
•.
2. • <Password>.
3. [OK].

.

J Web viewer
, ‡ , .

M ‡ “Remember my credentials” ,
.
‘ f 100%. f .

— — ™

€ • Web viewer • - •
• .
, Web viewer • , Chrome
EDGE, • • .
• • • .

t • •ˆ-•Ž Chrome, EDGE : Ž • • ,
Web viewer, web viewer, • •
.

J Free web viewer , Web viewer,
‡ . , Free webviewer ‡ „
.
† ‡
- , SmartViewer.
- ‡ , Free webviewer: ‡ H.264,
20 / , HD (1280x720).
- • „ ‡ - : ‡
- , ‡ - Full HD 20 / (H.264)/Full HD 10
/ (H.265) 4M 1 / (MJPEG).
- • - : … HD
.
€ .
- , .
- • .

t • •ˆ-• IE, Firefox Safari : ‹ Web viewer, •
• Web viewer .

J † / .
€ .
- , .
- • .

WebViewer

, • • -
(H.264/H.265) ,
. , • • •
- .

1. • • . *f*
[Click Here], .

J ‡ 99% Internet Explorer,
“• ‡ SmartScreen” “- ‡ SmartScreen”.

2. *f* [Run] .
3. *f* [Yes] - ,
.

M • 4 5 , Web Viewer .

4. - Web Viewer, - ,
.
f [Y _es] - .
5. *f* [OK].
Web Viewer .
6. *f* [Install], Web Viewer.
7. *f* [Finish].
– Web Viewer • .

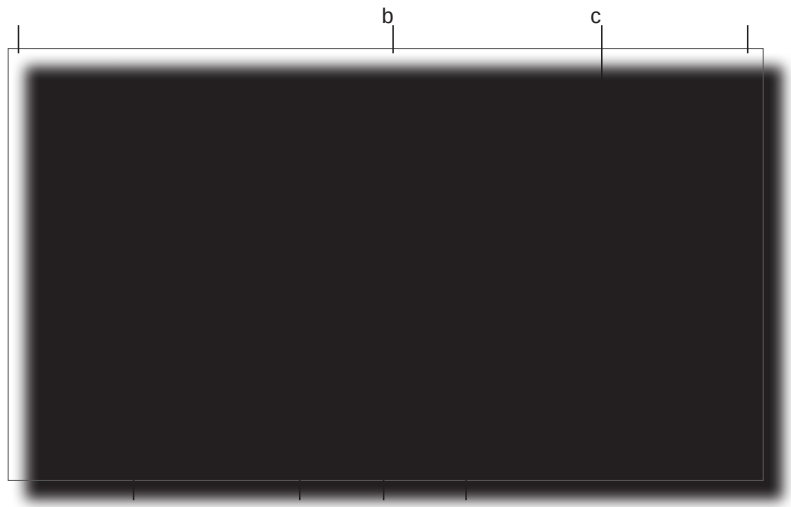
J € - webviewer , webviewer_activexplugin_
lib.control “- • ‡ „ ” “’ ”. ,
, “- • „ - • ” .

™ -

- - Google Chrome MS Edge,
, •
.

1. ,
.
2.
.

(
FREE WEB VIEWER)



Œ••••*f*	€ˆ„…•ˆ•	
…„*f*,•‰•…	*f* .	
b …†Š…•ˆ• ••••Œˆ •…••,-	• , .	
c •,…• €,•–,…••- €,•„••*f*,…	• „ *f* . š „ ‡ *f* , .	
•,••ŒœŽ••ˆ• ,•—ˆ•… €,•„••*f*,…	( )	• , - .
	- ( )	• , ‡ .
	• ( )	• , , .
	f	† *f* , *f* .
•„€,•ˆ†Š••••ˆ•	*f* , , Micro SD NAS. † , *f* , .	

Œ••••f	€^„…•^•
^€ €‚•'^Œ'	Ž ‡ < …‚…••f‚- Š^•••> <Basic>. † ‡ . J „ ‚ : - - - ‡ . - ‡ - . - - - .
••••…	• ‡ ‡ ‡ png.
-Š•• f‚•Š•–^	' „ .

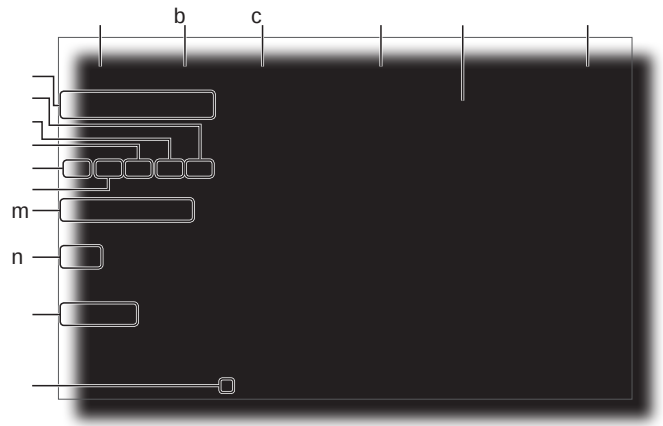
^‰ • - • Š• š•• •

1. [–… • ( )] , .
2. f , .
   ' .

• Œ• "-• - … …- ‡ š•• •

1. • .
2. .
3. , • [Esc] .

(WEBVIEWER)



Œ••••f	€^„…•^•
	••^f•‚^•– f .
b	•„€‚•^†Š••••^• f , , Micro SD NAS.
c	…„f‚•‰•… f .
	•'•‚•…Š^' • ••„f €• • €‚•'^Œœ € ‡ „ ‡ .
	• „ f . š „ ‡ f , .
	„f …••Š•… •••ŒœŽ…•••–• €‚•–‚…••••–• ••• Œ' Š•"- €‚•„••f‚… † - .
	Ž ‡ < …‚…••f‚- Š^•••> <Basic>. Web Viewer , ‡ „ ‡ . J „ ‚ : - - - ‡ . - ‡ - . - - - .

Œ••••f	€^„…•^•
€f^•^†…š^' ‹•,…•…	• - .
†•••••^• ,…†,•‡••^'	Š 640x480. • .
• Š•„“ ‹•,…•	• .
••••…	• ‡ ‡ ‡ .jpg.
…€^„“ Š , Ž••• ,•—^••	.
m •– Œ^,•Š•… … •^•	€ .
n -Š•• f,•Š•–^	’ „ .
Ž•fŽ^• €^•„•Œ•‰	f .
•,-f^• •••f••„f••–• •••œ	- , .

ˆ‰ • - • Š• š•• •

1. [–… • ( )] , .
2. f , .
, .

M f IE Windows 7 , IE .

• ^ † •‡ … ‰- …••f••,

1. [† ‡ … ••f• Š •-“ Š- ( )].
2. , [† ‡ … ••f• Š •-“ Š- ( )] .

M ‡ ‡ avi. … .

• Œ• “-• - … …- ‡ š•• •

1. […- ‡ š•• • ( )].
2. .
3. , • [Esc] .

€ † ‡^ … • € •‰

1. ™ […•• ( )], • .
2. – , [ ] .

M , , [Š • ( )],
.

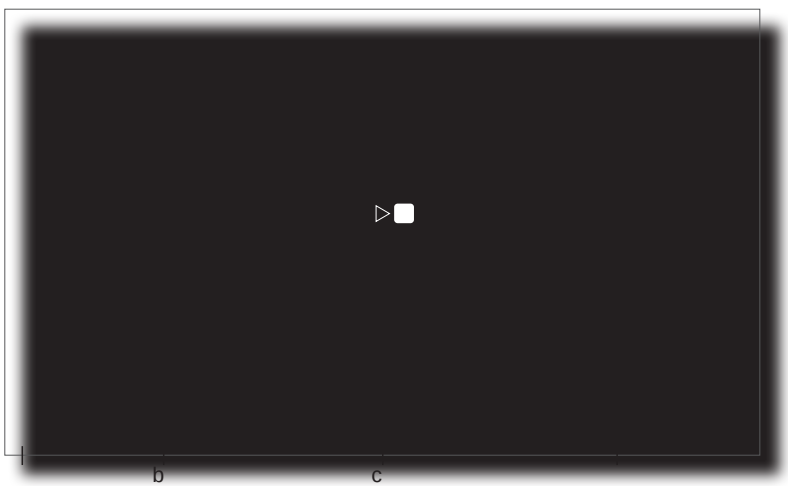
€ • ’ f• ŒŽ † ‰ f • •‡ f † • - -„

1. ™ [• . ( )]. .
2. • , .
3. .

(
FREE WEB VIEWER)

M . .
“ …••€ˆƒ•Œ“”. (. 53)
† ƒ ,
.

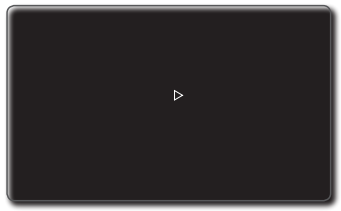
ˆ… • - š•• • † • ŒŽ• € -’ ••••• €



Œ••••ƒ	€ˆ„…•ˆ•
…„ƒ,•‰•… „•”-ƒ˜ €•ˆ„•…	• .
b ,•••••…’ ‡•…Œ…	.
c ••œ €•,•˜••…	.
•„€,•ˆ†Š••••ˆ•	€ / .
•Œ•-‰ ‹•,…•	† ƒ ƒ .

†• ˆ…-‰-• - ‰-•“ • € † - † • † ŒŽ• ,

1. [•ˆ•‡ ( )].
2. - ,
• .
3. ,
•, [-]
• .
4. [OK].
• .
5. [†• ˆ…-‰-• - (▷)].
6. , , [•ˆ (ⅡⅡ)].



ˆ… • - š•• • † • …•-Š-• -’ ••••• €

Œ••••ƒ	€ˆ„…•ˆ•
…„ƒ,•‰•…	ƒ .
b •‘•,•…š˜• Šˆ•••	• ‡ „ .
c ••,•„ƒ“ Š•„€,•ˆ†Š••••ˆ’	•

Œ••••f	€ˆ„…•ˆ•
…˜Š…f	€ , , ‡ ‡ ‡ .jpg.
…„f‚•‰•ˆ €•ˆ„•… •…••-˜	• . † , , .
•‚••ŒœŽ••ˆ• ‚•—ˆ•… €‚•„••f‚…	, f .
•„€‚•ˆ†Š••••ˆ•	€ / .
•‚•••„fˆf“ˆ•f•‚Š…Œ Š•„€‚•ˆ†Š••••ˆ’	Š (/) 1 / .
‚••••…’ ‡•…Œ…	[‚••••…’ ‡•…Œ… ( )] .
…„f‚•‰•ˆ €•ˆ„•… „•”-fˆ‰	€ .
•ˆ„• „•”-fˆ”	• .

†• ˆ…-‰-• - † - † • † …•-Š-•

1. [•ˆ•‡ ( )].
2. , • . , • .
3. ™ [• ( )].

4. – , • . • .
5. , , [-] • .
6. [†• ˆ…-‰-• - (▷)]. … .
7. , .
8. , . - (/) 1 / . - – • 1x, 2x, 4x 8x . -1x, -2x, -4x -8x • • -1x, -2x, -4x -8x, .
9. [•-Š-•• € ”• ( )] .

(WEBVIEWER
)

M . .
“ …••€ˆƒ•Œ“”. (. 53)

ˆ… • - š•• • † • ŒŽ• € -’ ••••• €

Œ••••ƒ	€ˆ„…•ˆ•
	…„ƒ‚•‰•… •ˆ…€…†••… €˜•˜„•… , Micro SD NAS.
b	…„ƒ‚•‰•… „•”-ƒˆ’ €•ˆ„•… • .
c	•ˆ„• „•”-ƒˆ’ € .

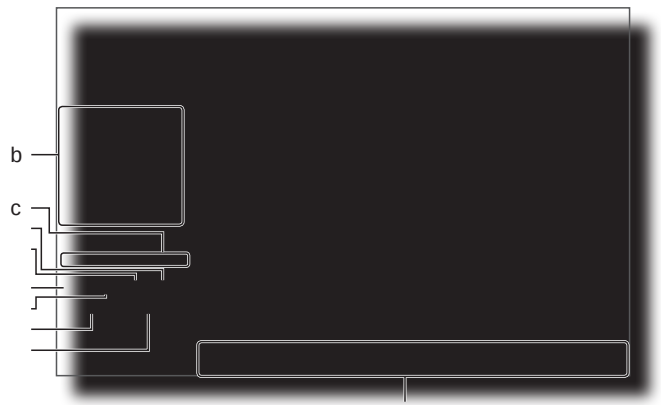
†• ˆ…-‰-• - ‰-•“ • € † - † • † ŒŽ• ,

1. [Playback ( )].
2. • .
3. • .
4. [• ŒŽ• „].
‡ .

M 800 ,
800 .
Š , 10 15 „
800 10 11, 11
800 ƒ (12)
.

5. • , •
.
6. [†• ˆ…-‰-• - ( )].
7. • ,
[• † ( )].
8. • , [Ž– ‰
( )].

ˆ… • - š•• • † • …•Š-• -’ ••••• €



Œ••••*f*	€ˆ„…•ˆ•
•Œ•„… Š,••••ˆ	.
b …„*f*,•‰•… •…*f*- €•ˆ„•…	• , . Micro SD NAS *f* , .
c •ˆ•	† ( ) . , .
€*f*ˆ•ˆ†…šˆ’ ‹•,…•…	- , Web- .
†•••••ˆ• ,…†,•‡••ˆ’	Š ’ 800x600. •
…€ˆ„“	Ž ‡ ‡ .jpg.
•Œ••‹•,…••-‰ ,•—ˆ•	Ž .
•‘•,•…šˆ’ • Šˆ•••	Š *f* .
•†•,Š•…’ ••€ˆ’	† , Micro SD NAS, . 5 .

†• ˆ…-‰-• - † - † • † …•Š-•

1. [Time Search ( )].
2. • . … , .
3. - , [†• ˆ...-• ( )]. .
4. • .
5. ‹ / .
   - *f* ▮▶ : • , 1 . ◀▮▮ : • , 1 .
   - *f*) x1, x2, x4, x8, . (• • -1x, -2x, -4x -8x, .
   - *f* -) , . - (, .
   - • “ ” • • . “ ” • , .
6. [•-Š-•• € ”• ( )] • • . • • , ’ • ; • .

-ˆ-•…• - • † • … • - • Š ’ … ‰-

1. • [ ], . .
2. [ ]. .
3. [Save]. ‡ • .